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EXAMINER

BELOUSOV, ANDREY

ART UNIT

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2174

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/550,126	Applicant(s) OKADA ET AL.	
	Examiner ANDREY BELOUSOV	Art Unit 2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 September 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 23,26-30,35-37,39-43 and 48-69 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 23,26-30,35-37,39-43 and 48-69 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This action is responsive to the filing of 9/10/2009. Claims 23, 26-30, 35-37, 39-43 and 48-69 are pending and have been considered below.

Claim Objections

Claim 23 is objected to because of the following informalities: The first “and” in the last amended portion of claim 23 should be “when.” Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 23, 26-30, 35-37, 39-43, 48-69 are rejected under 35 U.S.C. 103(a) as being unpatentable over Opera (Opera, Version 6.0, Copyright (c) 1995-2001 Opera Software ASA, screenshots 1-6; and Keyboard Navigation in Opera for Windows, Copyright Jan 15, 2002;

<http://web.archive.org/web/20020202140852/www.opera.com/windows/keyboard.html> pages 1-9 to show inherent features of keyboard navigation in Opera.)

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Claim 23, 37: Opera discloses a computer-readable medium storing a browser program in executable form for configuring a processor for performing a method comprising:

- a. determining whether an activated operating section (e.g. buttons 1 -previous, 2 - next, 5 – restore / maximize current window on the keyboard, pg. 5 of 9) of a plurality of operating sections (pg. 5 of 9: buttons 1, 2, 5) on a remote controller (keyboard, 1 of 9) corresponds to currently opened window (current window, pg 5 of 9) of a plurality of windows (previous, current and next windows, pg. 5 of 9);
- b. wherein each window of the plurality of windows (previous, current and next windows, pg. 5 of 9) respectively corresponds (e.g. activation of 1 will switch to the previous window, pg. 5 of 9) to an operating section of the plurality of operating sections in the remote controller,
- c. the plurality of operating sections are activated selectively by input of a user, and a number of the windows are the same as a number of the operating sections (3 buttons, 1, 2, and 5 correspond to same number of 3 windows: previous, current and next, pg. 5 of 9);
- d. switching to a user requested window (e.g. previous window, pg. 5 of 9) corresponding to the activated operating section (button 1, pg. 5 of 9) when the activated operating section (button 1) does not correspond to the currently opened window (button 1 corresponds to the previous window to be switched to, pg. 5 of 9) by setting the user requested window as the currently opened window,
- e. opening a markup language document (e.g. Google.com front page, screenshot pg. 6) corresponding to the user requested window if there is a markup language

document corresponding to the user requested window and displaying contents

(Google graphic, search box, screenshot pg. 6) of the markup language

document in the user requested window if there is a markup language document corresponding to the user requested window; and

- f. markup language document has a frame structure (inherent feature of HTML documents as further evidenced by ability to switch between frames by use of button 3, pg. 3 of 9.)

Opera does not explicitly disclose switching an active state between frames in a markup language document corresponding to the currently opened window when the activated operating section corresponds to the currently opened window. However, Opera discloses switching an active state between frames in a markup language document corresponding to the currently opened window when an activated operating section corresponds to the currently opened window (page 3 of 9.) Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the “restore / maximize current window” function of button 5, to switch an active state between frames. One would have been motivated to modify the “restore / maximize” function so as to provide a user with means of activating one of a commonly sought and used functions in an internet browser application.

Claim 26, 39: Opera discloses a computer-readable medium storing a browser program in executable form for configuring a processor for performing a method comprising:

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- a. determining whether an activated operating section (e.g. buttons 1 -previous, 2 - next, 5 – restore / maximize current window on the keyboard, pg. 5 of 9) of a plurality of operating sections (pg. 5 of 9: buttons 1, 2, 5) on a remote controller (keyboard, 1 of 9) corresponds to currently opened window (current window, pg 5 of 9) of a plurality of windows (previous, current and next windows, pg. 5 of 9);
- b. wherein each window of the plurality of windows (previous, current and next windows, pg. 5 of 9) respectively corresponds (e.g. activation of 1 will switch to the previous window, pg. 5 of 9) to an operating section of the plurality of operating sections in the remote controller,
- c. the plurality of operating sections are activated selectively by input of a user, and a number of the windows are the same as a number of the operating sections (3 buttons, 1, 2, and 5 correspond to same number of 3 windows: previous, current and next, pg. 5 of 9);
- d. switching to a user requested window (e.g. previous window, pg. 5 of 9) corresponding to the activated operating section (button 1, pg. 5 of 9) when the activated operating section (button 1) does not correspond to the currently opened window (button 1 corresponds to the previous window to be switched to, pg. 5 of 9) by setting the user requested window as the currently opened window,
- e. opening a markup language document (e.g. Google.com front page, screenshot pg. 6) corresponding to the user requested window if there is a markup language document corresponding to the user requested window and displaying contents (Google graphic, search box, screenshot pg. 6) of the markup language

document in the user requested window if there is a markup language document corresponding to the user requested window.

Opera does not explicitly disclose generating a uniform resource locator input dialog to make the user acquire a new markup language document when the activated operating section corresponds to the currently opened window. However, Opera discloses generating a uniform resource locator input dialog to make the user acquire a new markup language document when an activated operating section corresponds to the currently opened window (Enter a Web page address to go to, F2, pg. 2 of 9.)

Therefore, it would have obvious to one of ordinary skill in the art at the time the invention was made to modify the “restore / maximize current window” function of button 5, to generate a uniform resource locator input dialog to make the user acquire a new markup language document. One would have been motivated to modify the “restore / maximize” function so as to provide a user with means of activating one of a commonly sought and used functions in an internet browser application.

Claim 27, 40: Opera discloses a computer-readable medium storing a browser program in executable form for configuring a processor for performing a method comprising:

- a. determining whether an activated operating section (e.g. buttons 1 -previous, 2 - next, 5 – restore / maximize current window on the keyboard, pg. 5 of 9) of a plurality of operating sections (pg. 5 of 9: buttons 1, 2, 5) on a remote controller (keyboard, 1 of 9) corresponds to currently opened window (current window, pg 5 of 9) of a plurality of windows (previous, current and next windows, pg. 5 of 9);

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- b. wherein each window of the plurality of windows (previous, current and next windows, pg. 5 of 9) respectively corresponds (e.g. activation of 1 will switch to the previous window, pg. 5 of 9) to an operating section of the plurality of operating sections in the remote controller,
- c. the plurality of operating sections are activated selectively by input of a user, and a number of the windows are the same as a number of the operating sections (3 buttons, 1, 2, and 5 correspond to same number of 3 windows: previous, current and next, pg. 5 of 9);
- d. switching to a user requested window (e.g. previous window, pg. 5 of 9) corresponding to the activated operating section (button 1, pg. 5 of 9) when the activated operating section (button 1) does not correspond to the currently opened window (button 1 corresponds to the previous window to be switched to, pg. 5 of 9) by setting the user requested window as the currently opened window,
- e. opening a markup language document (e.g. Google.com front page, screenshot pg. 6) corresponding to the user requested window if there is a markup language document corresponding to the user requested window and displaying contents (Google graphic, search box, screenshot pg. 6) of the markup language document in the user requested window if there is a markup language document corresponding to the user requested window.

Opera does not explicitly disclose displaying a history dialog when the activated operating section corresponds to the currently opened window. However, Opera discloses displaying a history dialog when an activated operating section corresponds to

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the currently opened window (Toggle Hotlist, F4, pg. 1 of 9.) Therefore, it would have obvious to one of ordinary skill in the art at the time the invention was made to modify the “restore / maximize current window” function of button 5, to display a history dialog. One would have been motivated to modify the “restore / maximize” function so as to provide a user with means of activating one of a commonly sought and used functions in an internet browser application.

Claim 28, 41: Opera discloses a computer-readable medium storing a browser program in executable form for configuring a processor for performing a method comprising:

- a. determining whether an activated operating section (e.g. buttons 1 -previous, 2 - next, 5 – restore / maximize current window on the keyboard, pg. 5 of 9) of a plurality of operating sections (pg. 5 of 9: buttons 1, 2, 5) on a remote controller (keyboard, 1 of 9) corresponds to currently opened window (current window, pg 5 of 9) of a plurality of windows (previous, current and next windows, pg. 5 of 9);
- b. wherein each window of the plurality of windows (previous, current and next windows, pg. 5 of 9) respectively corresponds (e.g. activation of 1 will switch to the previous window, pg. 5 of 9) to an operating section of the plurality of operating sections in the remote controller,
- c. the plurality of operating sections are activated selectively by input of a user, and a number of the windows are the same as a number of the operating sections (3 buttons, 1, 2, and 5 correspond to same number of 3 windows: previous, current and next, pg. 5 of 9);

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- d. switching to a user requested window (e.g. previous window, pg. 5 of 9) corresponding to the activated operating section (button 1, pg. 5 of 9) when the activated operating section (button 1) does not correspond to the currently opened window (button 1 corresponds to the previous window to be switched to, pg. 5 of 9) by setting the user requested window as the currently opened window,
- e. opening a markup language document (e.g. Google.com front page, screenshot pg. 6) corresponding to the user requested window if there is a markup language document corresponding to the user requested window and displaying contents (Google graphic, search box, screenshot pg. 6) of the markup language document in the user requested window if there is a markup language document corresponding to the user requested window; and
- f. displaying a list of book marked uniform resource locators when the activated operating section corresponds to the currently opened window (Access active bookmark folder, pg. 1 of 9.)

Opera does not explicitly disclose displaying a list of book marked uniform resource locators when the activated operating section corresponds to the currently opened window. However, Opera discloses displaying a list of book marked uniform resource locators when an activated operating section corresponds to the currently opened window (Access active bookmark folder, pg. 1 of 9.) Therefore, it would have obvious to one of ordinary skill in the art at the time the invention was made to modify the “restore / maximize current window” function of button 5, to display a list of book marked uniform resource locators. One would have been motivated to modify the “restore / maximize”

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function so as to provide a user with means of activating one of a commonly sought and used functions in an internet browser application.

Claim 29, 42, 49, 54, 59, 64, 66, 68: Opera discloses the computer-readable medium storing browser program which configures the processor to execute the method according to claim 23, wherein no markup language document is opened and displayed in the step switching when there is no markup language document corresponding to the user requested window (e.g. switching to recently new created browsing window (blank), pg. 5 of 9, such as shown in screenshot pg. 2.)

Claim 30, 43, 50, 55, 60, 65, 67, 69: Opera discloses the computer-readable medium storing browser program which configures the processor to execute the method according to claim 23, further comprising opening a new markup language by a script when there is no markup language document corresponding to the user requested window (opening a pre-specified URL for new windows, such as <http://www.opera.com/startpage/>, screenshot pg. 2.)

Claim 35, 51, 56, 61: Opera discloses the computer-readable medium storing browser program which configures the processor to execute the method according to claim 23, wherein the plurality of operating sections are activated by input through hardware buttons (Keyboard, pg. 1 of 9.)

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Claim 36, 52, 57, 62: Opera discloses the browser program according to claim 23, wherein the plurality of operating sections are activated by input through software buttons (back, forward and reload buttons, screenshot 3.)

Claim 48, 53, 48, 63: Opera discloses the browser program according to claim 23, wherein each of the operating sections on the remote controller fixedly corresponds to one of the windows such that correspondence between operating sections and the windows remains the same after the execution of the step of switching (buttons 1, 2 and 5 continue to correspond to previous, next and current window after switching, pg. 5 of 9, i.e. a logical fixed correspondence.)

Response to Arguments

Applicant's arguments with respect to claims 23, 26-30, 35-37, 39-43, and 48-69 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Belousov whose telephone number is (571) 270-1695. The examiner can normally be reached on Mon-Fri (alternate Fri off) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dennis Chow can be reached on (571) 272-7767. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3800.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Steven P Sax/
Primary Examiner, Art Unit 2174

AB
January 25, 2010